

What is claimed is:

1. A heat dissipation assembly comprising:
 - a heat sink comprising a plurality of radial fins, a circumferential groove being defined in an end portion of the heat sink;
 - a fan; and
 - a fan holder defining an opening in communication with both the fan and the heat sink, a plurality of securing portions formed from a side of the fan holder and comprising inward flanges received in the groove of the heat sink, one of the flanges having an inner protrusion disposed between two of the fins.
2. The assembly of claim 1, wherein a plurality of pins and hooks extends from an opposite side of the fan holder, the pins and the hooks cooperatively securing the fan to the fan holder with respect to all three Cartesian axes.
3. The assembly of claim 2, wherein the fan comprises a frame defining a plurality of locating holes therein, the pins of the fan holder being inserted in the locating holes for preventing the fan from moving in directions parallel to the fan holder.
4. The assembly of claim 2, wherein the hooks sandwich the fan against the fan holder.
5. The assembly of claim 4, wherein the hooks each comprise a stopping face parallel to and spaced from said opposite side of the fan holder, the stopping faces preventing the fan from moving away from the fan holder.
6. The assembly of claim 1, wherein said securing portions comprise a locating portion and a pair of opposing locking portions perpendicular to the locating portion and adjacent opposite ends of the locating portion respectively.
7. The assembly of claim 6, wherein said flanges comprise a locating flange extending

from a top of the locating portion, and a pair of locking flanges extending from tops of the locking portions respectively.

8. The assembly of claim 7, wherein an arcuate locating face is defined in an inner side of the locating flange, an arcuate locking face is defined in an inner side of each of the locking flanges, and the locating face and the locking faces cooperatively define a circle have a diameter substantially the same as an inner diameter of the heat sink in the groove.
9. The assembly of claim 8, wherein a leading face is defined at an inner side of each of the locking flanges distal from the locating portion, and the heat sink is received onto the fan holder via the leading faces.
10. The assembly of claim 9, wherein the leading face and the locking face of each of the locking flanges together span an entire length thereof.
11. The assembly of claim 8, wherein the protrusion is formed on a middle of the locating face, for preventing the heat sink from rotating.
12. The assembly of claim 1, wherein the flanges are parallel to and spaced from the fan holder.
13. A heat dissipation assembly comprising:
 - a heat sink comprising a plurality of spaced fins, the fins defining a circumferential groove at an end portion of the heat sink, the heat sink defining an inner periphery in the groove;
 - a fan; and
 - a fan holder comprising a bracket having the fan secured to one side thereof, the bracket

comprising a locating flange and a pair of opposite locking flanges at an opposite side thereof, the flanges being received in the groove with inner sides of the flanges abutting the inner periphery of the heat sink, wherein said end portion of the heat sink is disposed between the bracket and the flanges.

14. The assembly of claim 13, wherein the locking flanges are substantially perpendicular to the locating flange.
15. The assembly of claim 14, wherein the locking flanges each define a leading face distal from the locating flange, and the heat sink is received onto the fan holder via the leading faces.
16. The assembly of claim 13, wherein a locating protrusion is provided on the locating flange, the locating protrusion being disposed between two of the fins.
17. A method of making a heat dissipation assembly, comprising steps of:

providing a heat sink with a cylindrical configuration including a plurality of fins outwardly radially extending from an imaginary axis, wherein a circumferential groove formed in edges of one end portions of said fins;

providing a fan;

providing a fan holder with an opening communicating with both said heat sink and said fan, wherein at least one flexible curved locking flange is formed on said fan holder;

attaching said fan unto one side of the fan holder; and

horizontally assembling said heat sink to the other side of said fan holder to have the locking flange first outwardly deflected and successively received in the groove.